



6-1634 THE FIRST AID TEAM OF THE Y-12 FIRE DEPARTMENT, representing the Industrial Relations Division, is shown above being refreshed on details of routine. From left are E. F. Greer, W. O. Elam, R. M. James, of the Training Department; W. R. McGill, J. C. Hastings, F. A. Hyatt, Dave Turner and W. T. Galyon.

## First Aid Teams Of K-25 And ORNL Point For Prize Held By Y-12 In Annual Contest

First Aid teams at K-25 and the Oak Ridge National Laboratory will be pointing for the handsome Company trophy won by a Y-12 Fire Department team last year when the annual First Aid Contest is staged Saturday night, September 16, at Blankenship Field. Groups at both of the other Carbide installations in Oak Ridge have joined Y-12 teams in beginning systematic training for the contest.

The big trophy, presented by the Company last year for the first time to the plant having the top team in the contest, must be won two years in succession to become the permanent property of the installation.

### Hope For Fewer Teams

The three-plant committee in charge of the event, composed of Roy M. James, of Y-12; Lloyd Williams, of ORNL; and James E. Campbell, of K-25; declared last week that they frankly hope that the total number of teams entered from the three Carbide units here in the 1950 contest will not reach the 38 participating in the 1949 event. They point out that a smaller number of teams will mean closer competition and increase the efficiency of the judging.

C. H. Dodge, engineer in charge, United States Bureau of Mines, Jellico, Tenn., will be chief judge of the First Aid Contest. He held the same position last year. Dodge now is enlisting judges for the 1950 event and has promised the

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## Carbide Wives Plan Meeting August 16

The monthly meeting of the Carbide Wives will be held at 7:30 o'clock Wednesday night, August 16, in the East Lounge of the Ridge Recreation Hall. All wives of Y-12 employees are invited to attend.

Mrs. Harry K. Walker, member of the executive board, will be in charge of the meeting. Hostesses will be Mesdames John Turner, chairman; W. C. Davis, Herman Snyder, Ralph Green, Ebenezer Williams and Woodford Terry.

### AEC AIDS LIBRARIES

The Atomic Energy Commission, according to the United Press, has stated that it is placing complete sets of its non-secret research reports in 31 libraries throughout the country. Each set contains about 3,500 reports and new reports will be sent as they are issued.

## Aid Is Offered Entrants In UCC Picture Contest

Officers Of Carbide Camera Club Here Will Enlarge, Mount Prints

Officers of the Carbide Camera Club, composed of photographic enthusiasts in the three Carbide installations in Oak Ridge, have offered to help any employee prepare pictures for entry in the annual photographic print contest to be held for all employees of Union Carbide and Carbon Corporation in New York City, October 5.

Entries in the New York contest must reach New York not later than September 25. It is stressed that this contest is open to all employees of Union Carbide throughout the country and not limited to members of any individual club, such as the Oak Ridge Carbide Camera Club.

### Full Assistance Offered

The local club officers will help any entrant by dry mounting prints on the required 16 by 20 inch mount for the contest. Of course, the entrant must provide the print and the mounting material. In addition, the club officers will enlarge negatives for entrants to the required eight by 10 inch, or larger, size. After giving this aid the print entry will be prepared for shipment and sent direct to New York.

The Carbide Camera Club officers in Oak Ridge who are offering this service are Nat Stetson, of Y-12, president of the club, 105 West Magnolia Lane; S. A. Huchan, Oak Ridge National Laboratory; vice president, 108 Darwin Lane; and O. K. Lewis, Jr., also of ORNL and chairman of the membership and promotion committee, 114 West Tennessee Ave.

### Three Judges Are Announced

The Union Carbide Camera Club last week in New York announced judges for the 1950 contest. They will be Victor Keppler, nationally known advertising photographer; Robert Fawcett, illustrator for the Saturday Evening Post; and Norman Lipton, eastern editor of the

Continued on Page 4

## Dividing Line For Secrecy Held Problem

The Paramount Objective is to Assure the Common Defense and Security

... See ATOMIC ENERGY ACT OF 1946

There are two, menacing misunderstandings about the atomic energy program of the nation—security of information and whether we can have atomic disarmament by gentlemen's agreement.

That is the opinion of a prominent American, formerly closely connected with the atomic energy program of the country and voiced in a recent issue of a nationally circulated magazine.

### Opposite Views Given

One of the major problems faced was where to draw the line between reasonable secrecy which is necessary and secrecy which is unreasonable and unnecessary, the magazine article author stated.

"Some proponents of the position that the atomic energy program is bogged down because of foolish and unreasonable secrecy," the article states, "go so far as to advocate that the number of atomic weapons in our national stockpile and the rate at which they are being produced should be revealed in order that the pub-

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## 11 Departments 'All Present;' Two In Major

Guards, Isotope Research And Production Are Tied; Three Records Extended

With 11 Y-12 departments reporting perfect attendance records for the week ending July 30 the plant absentee mark for the week dropped .1 per cent from that of the previous reporting period to 1.4 per cent. This is .2 per cent of the all time low record of 1.2 established for the week ending June 18.

The figures for the week ending July 30 revealed a complete upheaval in the standing of the Major League departments of more than 50 employees scheduled with newcomers advancing to the lead positions. The records also showed that two Major League departments were tied for the first position, both with all employees present. In the Minor League of departments with 15-19 employees scheduled there were nine with "all present" records, one more than the preceding week.

### Two Tied For Top

In the Major League a tie existed between the Guard Department and Isotope Research and Production. These departments were in fifth and eighth positions for the week ending July 23.

Second place was taken by Field Maintenance with only .3 per cent of its personnel absent for the week ending July 30. This department was in seventh place the previous week. In third place was the Analytical Laboratory with an absentee record of .7 per cent and which was in second place the preceding week.

In the Minor League three departments continued their long string of perfect attendance records. They were the Laundry with 14 weeks in a row and the Steam Plant and Receiving and Shipping, each with 13 consecutive weeks without an absence.

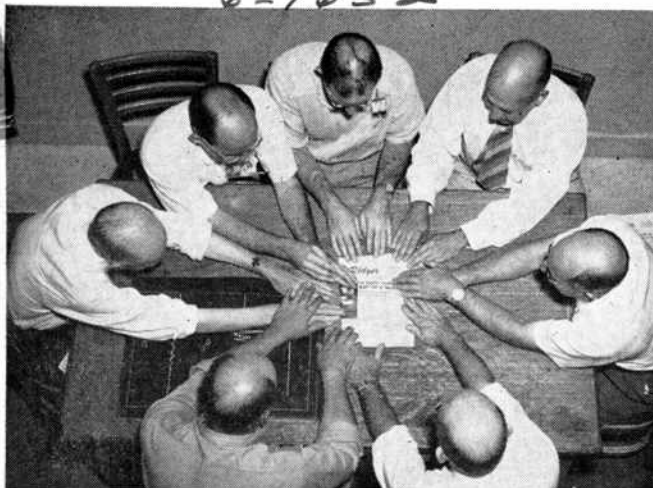
### Three Others Perfect

Other Minor League departments that repeated with perfect

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## SAFETY SCOREBOARD

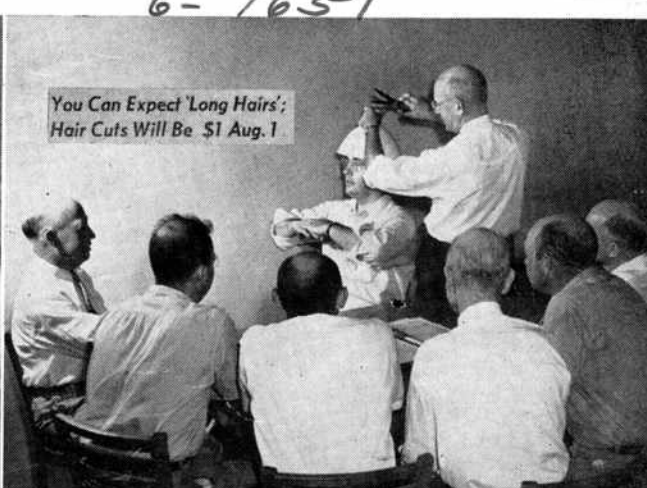
Your Plant Has Operated  
24 Days  
Without A Lost Time  
Accident  
Through August 6



6-1652 THE "SEVEN BALD PATES OF Y-12" RECENTLY vowed by all the vitalis in Oak Ridge to do something about those one buck haircuts now in vogue. With heads bowed in solemn conclave this nucleus of a group that expects to have many more members throughout the city at left is pledging a boycott on the \$1 price tag set for hair cuts—that does not give them a break. In the center picture



6-1650 Bald Pate No. 1 at left is poring over a chart with the top line indicating the retrogressing hair lines of its members and the center line the abrupt rise in cost of shearing. Bald Pate No. 2 with the clock is indicating the brief time required for tonsorial treatment of club members while others hold shears, rulers to measure length of their "bangs" and even a bottle of "fixer" that might grow hair where no hair



6-1651 You Can Expect 'Long Hairs'; Hair Cuts Will Be \$1 Aug. 1



# The Bulletin

Published Weekly By And For  
Y-12 Employees Of  
CARBIDE AND CARBON  
CHEMICALS DIVISION  
Union Carbide And Carbon  
Corporation  
Post Office Box P

Oak Ridge Tenn.  
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## 11 Y-12 Departments Report 'All Present'

Continued from Page 1  
marks for the week ending July 30 from the preceding week were Superintendents, Employee Relations and Transportation. Joining this group in the first place tie were Uranium Control and Computing, Cafeteria and Canteen and Planning and Estimating.

Second place in the Minor League went to Plant Engineering with an absentee record of .5 per cent and which was in a first place tie the previous week. The Analytical Chemistry Division, in fifth place for the week ending July 23, advanced to third by posting an absentee mark of .7 per cent.

### Previous Marks Equalled

The reports of 11 departments in Y-12 with perfect attendance equalled similar marks posted for the weeks ending July 16, July 11 and June 4. The two-way tie for first place in the Major League with both departments having perfect records also was matched during the weeks ending June 25, 11 and 4.

The plant-wide record for the week ending July 30, by departments, follows:

MAJOR LEAGUE				
Dept.	More Than 50 Employees Scheduled	Percentage Absent	Standing	7-23-50
2091	0.0	1	5	
2360	0.0	1	8	
2015	0.3	2	7	
2282	0.7	3	2	
2014	1.16	4	3	
2142	1.22	5	1	
2619	1.28	6	9	
2320	1.34	7	11	
2077	1.5	8	12	
2616	1.7	9	6	
2300	2.0	10	4	
2283	3.6	11	10	
2003	4.4	12	13	

Group absentee percentage was 1.5 per cent, .2 per cent lower than the preceding week.

MINOR LEAGUE				
Dept.	15-49 Employees Scheduled	Percentage Absent	Standing	7-23-50
2096	0.0	1	1	
2200	0.0	1	1	
2743	0.0	1	1	
2143	0.0	1	1	
2109	0.0	1	1	
2008	0.0	1	1	
2002	0.0	1	1	
2739	0.0	1	3	
2107	0.0	1	8	
2060	0.5	2	1	
2270	0.7	3	5	
2133	0.9	4	6	
2001	1.7	5	2	
2140	2.7	6	1	
2005	3.8	7	7	
2064	7.1	8	4	

Group absentee percentage was one per cent, .3 per cent lower than the preceding week.

The plant average for the week ending July 30 was 1.4 per cent, .1 per cent lower than the preceding week.



The following Y-12 employees were patients in the Oak Ridge Hospital last week: Roscoe O. Wade, Electrical Maintenance; Charles C. Bridges, Product Chemical.

### IOWA PUBLISHES BOOKLETS

The Des Moines Register reports that the Iowa State Printing Board has awarded contracts for publishing three booklets on atomic energy to be distributed to public schools.



### HUNTER - SHARP

R. H. Sharp, of Y-12, and Mrs. Sharp have announced the marriage of their daughter, Miss Dorothy Sharp, to George Richard Hunter. The ceremony took place at 11 o'clock Friday morning, July 28, at the home of the bride's parents, 107 Glendale Lane, Oak Ridge. The Rev. Joseph Boyd, pastor of the Rock Garden Presbyterian Church, of Alcoa, officiated. A reception followed at the home.

The groom is the son of Mr. and Mrs. J. R. Hunter, 701 Olympic Ave., Nashville, Tenn.

At her wedding the bride wore a white linen suit, trimmed in navy, with navy and white accessories. She carried a white orchid corsage.

Olene Sharp, sister of the bride, was maid of honor and also was dressed in navy and white with navy accessories.

The best man was Andrew Buckner, of Nashville.

Both the bride and groom attended Tennessee Polytechnic Institute, Cookeville. Hunter also obtained his masters degree at Peabody College, Nashville.

The couple will live in Nashville, where Hunter will teach school.

### BAXTER - DOANE

Miss Nancy Ruth Doane, formerly of the Analytical Chemistry Division of Y-12, was married to Lynn J. Baxter at 2 o'clock Saturday afternoon, July 29, at the Chapel-On-The-Hill. The ceremony was performed by the Rev. R. L. Thomas.

The bride is the daughter of Mr. and Mrs. Clarence Doane, of Cynthia, Ky., and Baxter is the son of Mrs. C. C. Baxter, of Birmingham, Ala.

The bride was given in marriage by her father. She wore a white nylon marquisette gown fashioned with a yoke outlined by three rows of lace. The sleeves extended into points over the hands and the full skirt fell into a train of scalloped lace. Her fingertip veil was held by a bonnet of satin. She carried a bridal bouquet of gardenias and lilies-of-the-valley centered with white orchids.

Miss Juanita Fugate, also of Y-12, was maid of honor. Mrs. Daisy Ward, another Y-12er, and Miss Mary Evans were bridesmaids and Susan Stephens and Carol Blakeley were flower girls. The attendants wore hoop-skirted gowns of pastel blue nylon net over satin



Mrs. and Mr.  
George Richard Hunter



Mrs. L. J. Baxter

and matching net bonnets. Their flowers were cascades of pink gladioli.

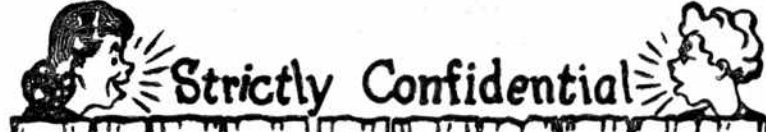
Charles Baxter, of Daytona Beach, Fla., brother of the groom, was best man. Ushers were Clarence Doane, Jr., brother of the bride; and James Howland.

Nuptial music was presented by Stanley Rowland, of Hamilton, Ohio.

Following the ceremony a reception was given in the Starlight Room of the Oak Terrace. Assisting at the reception were Miss Mabel Tyer and Miss Mary Barnes, both of Y-12; and Miss Opa Guthrie, of Cynthia.

On their return from a wedding trip the couple will live in Knoxville.

Help make the world a safer place to live in.



Don't shoot the piano players, boys, he's doing the best he can!

For the next fortnight (two weeks to youse guys and gals) the conductor of the column is going to do some vacationing of his own. So, in the interim the chores of The Bulletin office will be taken over by one Marc V. Sims, no stranger himself to Y-12ers as he used to be assistant editor of this publication before going to Oak Ridge National Laboratory as editor of the fine plant paper there, The News. As a parting request The Bulletin asks one and all Y-12ers just to give Brer Sims the same wholehearted cooperation as offered the regular incumbent 50 weeks per year. Thanks—in advance.

Ann Wagner, of the Laundry, is on two weeks vacation visiting in Detroit, Mich., and Gary, Ind.

Capt. H. L. (Leroy) Dickenson, of the Guard Department, vacationed for a week at his pecan farm (nuts to you too, Leroy) and points in Florida . . . B. F. Thomas has returned from a week's vacation spent fishing at nearby lakes—said he caught about 20 in all . . . J. B. Atchley didn't have the same luck in angling activities around Nashville, reporting not much luck.

Electrical Maintenance sends get-well wishes to R. O. Wade . . . B. I. Scott, J. L. Watkins and F. A. Dodd are back from vacations . . . O. D. Liechty, C. A. Gregory and W. P. Smith replaced them on the vacation list . . . H. E. Argo vacationed for a week over at McKenzie, Tenn., while J. H. Campbell went up to Elizabethton for a rest . . . W. S. Caruthers and family are vacationing for two weeks at his home near Memphis.

Fire laddies of the Y-12 Fire Department are smoking cigars—so soon will—on Chief John W. Hughey who is being congratulated over becoming a father of a baby boy born July 31 at the Oak Ridge Hospital. The youngster weighed seven pounds and has been named John Raymond.

Y-12 Plant Protection Superintendent Thomas A. McKenzie and Fire Chief John W. Hughey were in Marinette, Wis., on business last week.

J. D. Bowers, of Property, and family are vacationing for a week in Parkersburg, W. Va.

No details as to vacation destination and activities are reported by Buildings and Grounds, but A. L. Stewart and F. J. Bates are

away for one week and N. Williams and E. Bazell are off for two.

Nasty remarks Dept!

One day last week the North Portal was enveloped in darkness because of an electrical failure. The Bulletin called Evan Means, of Electrical Maintenance, wanting to know how come.

"We're in the dark up here, wassa matter?" Means was politely asked.

"That's not an unusual condition up there," was the snappy retort.

Ugh!  
E. B. Gilliard, of Transportation, is on a week's vacation.

Sammy Mattingly, of the Assay Laboratory, and her husband, Bill, are going to do some real traveling on their vacation, driving to Canada and stopping along the way to see points of interest for a couple of weeks . . . Bell Thompson also is vacationing for a couple of weeks, part of which is being spent at Union Springs, Ala., and the rest trying her luck in nearby fishing streams.

Frank and Tom Goss, of the Cafeteria, are vacationing down in Commerce, Ga.

George Kirtland, of Product Chemical, and family also are doing a lot of traveling on a two-week vacation, points in Louisiana, Texas and Mexico being included in their itinerary . . . Corinne Hill visited her daughter and son-in-law in Memphis over the past week end.

E. L. Spitzer, of Isotope Research and Production, was called to Illinois last week because of the illness of his father-in-law.

Maintenance Utilities reports W. Johnson and A. B. Crockett on vacation.

C. M. Neal, F. H. Marrow, J. H. McCulley, J. J. Holtzknicht and A. M. Schrader, all of Field Maintenance, are vacationing.

W. C. Davis, of the Stores Department, and his family are visiting Mrs. Davis' folks at Abingdon, Va., on his two-week vacation . . . Margaret Johnson brought back a dark brown sunburn from a recent fishing trip to Fort Loudoun Lake—also two fish.

Down in (or is it over in) Property Sales it is reported that C. M. Miller is vacationing for two weeks on the beautiful beach at Daytona . . . Sarah Keith is vacationing for a couple of weeks at her home near Knoxville . . . K. F. Lyle, accompanied by Manufacturing Offices Division Superintendent Ray Barron are in Chicago on Company business this week.

More Daytona Beach vacationers are reported by Chemical Research. They are Emily Leyshon and her husband, Bill Leyshon, of Isotope Research and Production . . . Also down there are Dorothy Caldwell, her husband and son.

When it comes to long distance trips on vacation and leave the honors for this summer probably will go to Bill Lukeman, of Chemical Research. With Patrick Pasquier, of K-25, Lukeman has joined a student tour for the Holy Year Pilgrimage to Rome. The group was scheduled to leave New York August 8 for a three-week tour, visiting other points in Europe before returning to the United States.



MSS JULIA MARGARET SCOTT, DAUGHTER OF BENJAMIN I. SCOTT OF THE Y-12 Electrical Maintenance Department, was honored with a linen shower recently by Betsy Redden and Mary Elliott at the home of the latter, 112 Georgia Ave. Miss Scott will be wed August 19 to Harry Elliott Verran, of Middlesboro, Ky. In addition to the honoree and hostesses, guests at the shower, pictured above, included Bettye Hughey, Ruth Harris, Jane Ann Groves, Vera Chandler, Weezer Parsons, Jean Ryan, Shirley Eubank, Mary Margaret Puckett, Anna Clarice Williams, Sarah Culbert, Babs Hopkins, Nancy Fritz, Donna Maynard, Pat Herndon, Patsy Martin, Beverly Lockrem, Faye Sharp, Sally Elliott, Mrs. George Miller, Barbara Miller, Mrs. William Elliott, Mrs. W. M. Redden, Mrs. Ben I. Scott, mother of the bride-elect; and Mrs. Ben. F. Scott, her grandmother.

Y-12 Photos By Vince Moore



Only one birth was reported last week in the Oak Ridge Hospital with a Y-12 employee being the parent. A girl was born to Harley Orange, of Product Chemical, on August 3.



## SPORTS NEWS IN Y-12

### Interest Reported Keen In Carbide Tournament As Golfers Start Polishing Game For Event

Golfers all around the Carbide circuit in Oak Ridge—in Y-12, K-25 and the Oak Ridge National Laboratory—were polishing their games last week in preparation for the All-Carbide Golf Tournament to be staged next month. As the divot diggers have until Monday, August 21, to turn in qualifying scores, there was little to report on the event last week except that recreation supervisors in all three Carbide units report interest keen in the tournament.

#### No Entry Fee For Event

It is pointed out that there is no entry fee for participation in the tournament. However, for non-members of the Oak Ridge Golf and Country Club, the regular green fees for play on the course must be paid by golfers staging their matches there. The playing fee is \$1.50 per person on week days and \$3 on Saturdays and Sundays. Golfers staging matches on other courses, which will be permitted when contestants agree on the change, the prevailing greens fee probably will have to be paid by any non-members of the club at which the match is played.

The qualifying scores to be posted for the tournament must be over 18 holes at the Oak Ridge course and the round must have been played since July 27. Entrants may play the first nine holes one day and the second half another but the full 18 hole score must be submitted. All scores submitted for qualifying in the tournament must be attested by some other golfer playing with the entrant.

#### Company To Present Trophies

A championship flight and as many other flights as necessary to accommodate the number of golfers entered will be staged. The Company will present trophies to the winners in all flights and also to the runners up in the championship and first flight. The medalist in the tournament also will receive a trophy.

First round matches in all flights must be completed by September 5. Second round matches must be finished by September 12 with the finals to be played before September 25. All matches from the championship flight through the fourth flight will be over the 18-hole route. Others may be nine holes by unanimous agreement of the contestants.

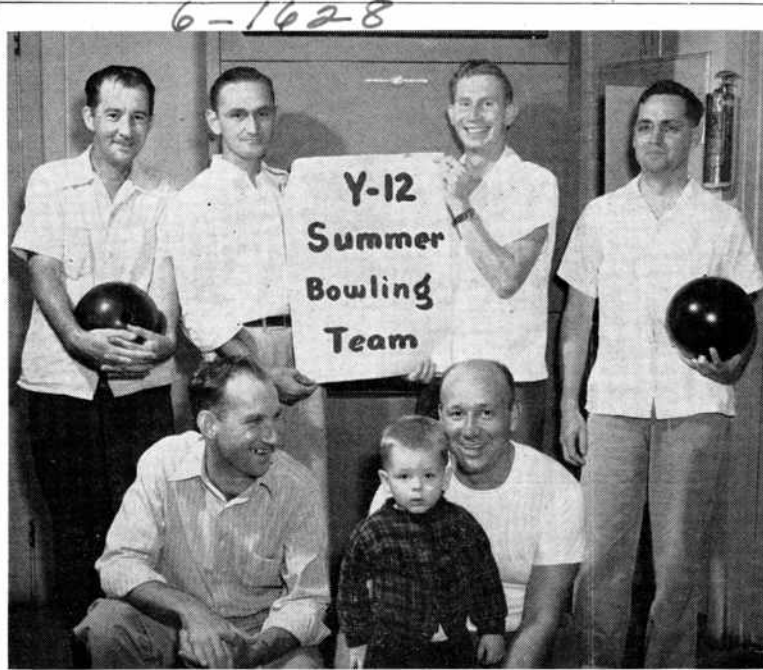
### Men's Tennis Team Split Four Clashes; End Season Aug. 16

The Y-12 men's tennis team has been quite busy of late trying to edge unfinished net business in between numerous and frequent showers. In their most recent clashes the Y-12 netters have won two and lost two, both of the losses being by the close margin of four matches to three.

#### Hope For Two Victories

Capt. Mal Wallis' team is scheduled to meet the K-25 racquetters on the Jefferson courts this afternoon, Wednesday, August 9, and clash with the Fairchild team next Wednesday, August 16, to wind up their season. Chances are bright for victories in these contests, as Fairchild has been rather weak all season and the Y-12ers trimmed K-25 in their last meeting by four to two.

The Oak Ridge National Laboratory netters took one of the close ones from Y-12 with victories for the losers being turned in by George Wells and Mal Wallis in singles and the doubles team of Vince Moore and Fred Thomas. The other similar close defeat was at the hands of the Atomic Energy



AS HOT AS A MIDSUMMER DAY IN JACKSON SQUARE is the Y-12 summer bowling team, shown above. In front, from left, are Homer Park, young Ernie Riddle, mascot of the team, and his pop, George Riddle. In rear are Frank Gragg, A. F. Kendig, Ray Duckworth and Frank Knox.

### Y-12 Bowlers Only One Point From Ridge Loop Championship

The Y-12 bowling team in the Oak Ridge Summer Commercial League continued to roll last Thursday night at the Oak Terrace, taking three out of four points from the J. A. Jones keggers. The Y-12ers just missed clinching the title by losing the final game of the match, and need but one more point won to win the season's championship.

The Y-12 keggers are now four points ahead of the National Labbers, the loop leaders having 37 points won to 15 lost while the Labbers have a record of 33 and 19, being tied with Roane-Anderson. The final roll-off will be staged at 7:30 o'clock Thursday night, August 17, with Y-12 rolling either ORNL or Roane-Anderson, depending on which team has the highest total score for the season. The league will not roll this week because of work being done on the alleys.

In their engagement last week the Y-12ers took the first game from the Jones team by 768 to 716 and the second by the slim margin of 714 to 712. The construction lads came back to make a battle of it by taking the third game from Y-12 by 803 to 755 but the league leaders edged out their rivals by 2,237 to 2,231 in total score.

The Y-12ers were well bunched in individual scoring. Frank Knox led the team with 460, but was closely pushed by Gragg with 454, Riddle 452, Duckworth 450 and Park 421.

Commission team with Y-12 wins being registered by Wallis, Al Hodges and a doubles combination of Millard Cromer and Harold White.

#### Y-12ers Trim K-25

In trimming K-25 by four to two, the Y-12 triumphs were posted in singles by Fred Hurst, Charley Barton and Hodges with Cromer and White turning in a doubles win. The other victory was over Fairchild by a white-wash sweep of seven matches.

#### A-POWER UNIT EYED

The British government has placed a contract with a private engineering company for drawing of a prototype atomic power unit that could be used in large ships, according to the New York Times.

### Robins, Bluebirds Will Clash Thursday

The Y-12 Robins, crack women's softball team, will be out for the Oak Ridge feminine championship at 7:30 o'clock tomorrow night, Thursday, August 10, when they tackle the K-25 lassies in the middle game of a triple header at Pinewood Park. The other two games will be between Y-12 Plant League softball teams. The gala attraction will pit the Isotopes and Rippers in the opener at 6 o'clock and Bldg. 9212 and the All Stars will clash at 8 o'clock after the girls get through their tilt.

In addition to the game tomorrow night, another engagement has been slated between the Robins and Bluebirds for Sunday night, August 13, at Turnpike Park. This game will be a preliminary to the men's city softball championship battle. Winners of both the men's and women's championship of the city will go to Chattanooga August 18, 19, 20 and 21 to play in the state tournament.

In the first game of the women's championship series the Robins defeathered the Bluebirds by 16 to 2.

### Women Netters Hope To Play Postponed Tilts This Week

The monsoon-like weather that again prevailed over Oak Ridge the first part of last week prevented the Y-12 women's tennis team from catching up on its schedule of postponed matches and threw the league standings into a state of utter confusion.

The Y-12 lassies had a scheduled tilt last night, August 8, against the K-25 racquetters. In

### Cards Rally To Whip Hubs By 5-4; Wildcats And Nats Next Opponents

#### Lefty Carter Relieves Kirkwood To Get Victory; Hurler Also Scores Vital Run

The Y-12 Cardinals played one of their most courageous and efficient games of the season last Thursday night at the Gamble Valley ball orchid to eke out a 5 to 4 victory over their old rivals, the K-25 Hubs. The Y-12 margin of victory was scored in the last half of the ninth inning on an error—but the triumph still was mighty

### Bldg. 9212 Takes Top Spot In Plant League

The Bldg. 9212 softballers in the Y-12 Plant League, winners in the first half of the season play, forged ahead in the second half schedule last week as the plant loopers finally managed to get in some action. The Bldg. 9212ers have two wins and no losses to their credit.

The next two playing dates will wind up the second half schedule, but with a flock of makeup games to play, the Recreation Office now is rescheduling the postponed games. The revised slate will be announced in The Bulletin next week.

The remainder of the regular schedule follows:

Thursday, August 10 — 6:30 p. m., Isotopes vs Rippers. 8 p. m., Bldg. 9212 vs All Stars.

Tuesday, August 15—6:30 p. m., Bums vs Rippers. 8 p. m., Isotopes vs Bldg. 9212.

In the four games played last week, three were decided by close scores, only one being a runaway. That was a 13 to 5 victory by the Isotopes over the All Stars. Griffin got three for five and Darby two for four for the Isotopes, one of Darby's blows being a three bagger. Rudy Pletz banged three for four for the losers and Higgins got two for two, both being triples. Niemeyer also tripled for the All Stars.

Previously the All Stars had walloped the Rippers by 7 to 4 staging a last inning rally for four tallies, featured by triples by Grimes and Boyd.

In the other two clashes of the week the Bums beat the Isotopes and Bldg. 9212 trimmed the Bums, both by the identical scores of 7 to 6.

Line scores of the games played last week and standing of the teams through last Thursday's games follows:

Team	R	H	E
Rippers	301	000	0-4 5 4
All Stars	300	000	4-7 5 2

Team	R	H	E
Bums	012	001	3-7 7 4
Isotopes	010	300	2-6 7 4

Team	R	H	E
Bldg. 9212	201	210	1-7 9 5
Bums	010	302	0-6 4 2

Team	R	H	E
Isotopes	300	123	4-13 9 2
All Stars	110	100	2-5 7 1

Team	W	L
Bldg. 9212	2	0
Bums	2	1
All Stars	1	1
Isotopes	1	2
Rippers	0	2

addition the Y-12ers hoped to complete another series of tilts against their K-25 cousins that were interrupted by rain on Thursday, July 27. In these engagements Y-12 players had established commanding leads in all matches except one and hoped to sweep the six contests.

In addition to the engagement with K-25, the Y-12ers also have a postponed clash with the Oak Ridge National Laboratory.

sweet to the charges of Co-Managers Bill Burns and Wes Savage. It was big Lefty Carter that turned out to be the spark that brought the win to the Cardinals.

He took over the pitching duties from Charley Kirkwood after five and one-third innings and held the Hubs scoreless the rest of the way, whiffing seven and passing none.

He also manufactured the winning run in the final round. Lefty drew a pass, as did Addison. Martin bunted for a sacrifice and the runners advanced and on a wild throw in an effort to catch Carter at third the big hurler ambled home.

With a one run tie game going into the fifth, the Hubs nicked Kirkwood for three tallies. However, the Y-12ers buckled down and tallied once in the seventh and two in the eighth to knot the count. The Cards got nine hits to six for the opposition, with Hicks and McAllister getting two each. Kirkwood showed well during his stay in the game, baffling some of the Hubs best hitters.

The Cards tackle the Roane-Anderson Wildcats at 8 o'clock Friday night, August 11, at Gamble Valley in their next encounter and next Monday night, August 14, the Y-12ers and the Oak Ridge National Laboratory Nats will cross bats.

Team	R	H	E
K-25	010	030	000-4 6 4
Y-12	000	100	121-5 9 4

Batteries: K-25, Mukenthaler, Gerry (5), Keuhn (9) and Smith. Y-12, Kirkwood, Carter (6) and Hicks.

### Varsity Softballers Playing In Tournament This Week

The Y-12 men's varsity softball team this week is competing in the City Softball Association tournament at Turnpike Park. Manager Dick Dews' Dandies were slated to meet the Roane-Anderson Wildcats Monday night. The winner of this game was scheduled to meet the Vagabonds Tuesday night and the loser will meet the loser of the opening game of the tournament between Oak Ridge National Laboratory and Oak Ridge Motors at 7:30 o'clock Thursday night, August 10.

The winner of the tournament will represent Oak Ridge in the state tournament in Chattanooga the latter part of the month.

### Harriman Softball Clashes Reset For Saturday Night

The scheduled double header between the Y-12 men and women softball teams at Harriman last Saturday night was postponed until Saturday night of this week, August 12, because of a schedule mixup by the Harriman contingents. Both the masculine and feminine softballers of Harriman are reported to be strong so the Y-12ers can expect plenty of opposition on the week end trip. A number of Y-12 fans are expected to make the trip to support the plant varsity teams.



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## Other First Aid Teams Pointing For Contest

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Carbide committee that the best possible men will be picked for the positions.

### Cash Prizes For Winners

In addition to possession of the Company trophy, the team winning the 1950 event will be awarded \$175 for division among the seven members. The teams with the highest scores in the other two installations will receive \$105. Second place teams in each unit will receive \$52.50.

The competing teams in the contest are given three problems involving giving first aid to a person simulating various types of injuries. The nature of the injuries to the "patient" are announced just before the problem and are not known to participants beforehand. In case of a tie at the conclusion of the three problems, the top teams will be given another problem to work with the total score on all problems determining the winner.

## 'David Copperfield' Picked On Favorite Story Program

Charles Dickens' immortal novel, "David Copperfield," will be featured on My Favorite Story radio program from 7 p. m. to 7:30 p. m. Sunday night, August 13. These programs are being sponsored by the Company every Sunday night over Oak Ridge Radio Station WATO.

Alec Templeton, well-known blind British musician and radio entertainer, picked "David Copperfield" as his favorite story for presentation on the popular program. Ronald Coleman will be commentator and the Dickens novel presented by a cast of capable radio and movie actors.

## Playground Circus Slated For Presentation Next Week

One of the most colorful presentations of the year by the Oak Ridge City Playground Department will be the annual Playground Circus to be staged next Wednesday night, August 16, at Blankenship Field. The performance will begin at 7:30 o'clock.

Preceding the circus a parade will be staged by performers from Jackson Square to Kentucky Ave. to Broadway and thence to Blankenship Field. Between 300 and 400 Oak Ridge youngsters from all of the nine playgrounds in the city will take part in the circus. Many of them are children of Y-12 parents.

## Spattered Hose Problem Solved

Women can thank Ora Walper, of Kitchener, Ontario, for a possible solution to the trying problem of hose spattered with rain and mud at every step in bad weather. A new type of rubber overshoe has been patented by Walper, says the National Patent Council, has a heel molded with a special tap that drains off water quickly when it splashes into the footwear.

## Assistance Is Offered UCC Contest Entrants

Continued from Page 1

magazine Popular Photography.

Promoters of the Union Carbide contest point out that it is not a salon contest and that an enlarged Brownie snapshot may win a prize. The winner of the award for the "Picture of the Year" will become permanent owner of a beautiful silver cup created by Tiffany of Fifth Avenue, one of the world's best-known jewelry concerns. In addition, there will be second, third and fourth prizes and three honorable mentions.

Rules for entering the contest are simple. An entrant must be an employee of some unit of Union Carbide and Carbon Corporation. Only one black and white photographic print may be entered. The picture must be eight by 10 inches or larger and must be mounted on a 16 by 20 inch mount.

Prospective entrants in the contest are urged to select their picture now. Each entry should be marked with the name and address of the photographer on the back.

Any Carbide employee in Oak Ridge desiring to send a picture to New York direct for competition in the contest may mail it to the Print Committee, Carbide Camera Club, 30 East 42nd St., New York, 17, N. Y.

## Bright Sunlight Cuts Visibility In Night Driving

Vacation time is here again—and many Y-12 motorists will be making automobile trips that involve driving for long distances during daylight hours. For these folks suggestions given in a recent article appearing in Public Safety magazine are recommended both as a safety measure and for general comfort.

The article points out that research during the war established that unprotected exposure of the eyes to bright summer sunlight reduces night driving visibility to a hazardous degree, quoting Harry S. Lyman, chairman of the standards committee of the Sun Glass Institute.

"Unshielded exposure to bright sun reduces the sensitivity of the eye to light with serious effects at twilight and at night," Lyman said. "Tests have shown that ability to distinguish objects at dusk or night can be reduced by as much as 50 to 90 per cent. This night blindness means that the driver at night sees objects somewhat later than normal. The hazard is at its peak when sun bathers and vacationists are returning from a day at the beach, lake or other summer activities in the bright sun."

Lyman noted that wartime tests showed the effects on night visibility to be cumulative. Studies made for the Army and Navy showed that after one week of unprotected exposure to bright sun, it required two months to regain normal sensitivity to light at night.

### Good Sun Glasses Advised

Therefore, if any of you Y-12 folks are contemplating long daylight drives, it would be well to be equipped with good sun glasses to break the glare and strain on the eyes. Also it is advisable not to drive after dusk if a long day's run has been made in sunlight.

## Chemistry Of Lawns Is 'Headlines' Topic

"Chemistry of your Lawn" will be topic of discussion at the weekly presentation of the radio program, Headlines in Chemistry, to be given over Oak Ridge Radio Station WATO Sunday night, August 13. The weekly 15-minute programs, beginning at 9:15 o'clock, are sponsored by the East Tennessee Section of the American Chemical Society.

Charles Schilling, of the Oak Ridge National Laboratory, will present the August 13 program, assisted by Rodney Mason, of the Atomic Energy Commission, and others.

Development of weed eradicators and fertilizer through chemistry will be discussed by Schilling. Other points to be touched on include what types of soil are best suited for certain types of grass because of chemical reactions. Development of plant sprays through chemistry also will be described.

## Dividing Line For Secrecy Held Problem

Continued from Page 1

lic may make wise decisions as to future policy. Other men, equally sincere, would so tighten atomic security that, to be logical, a part of the ordinary physics course would have to be dropped from the curricula of the public schools.

### No Country Tells Secrets

"The heart of this matter is simply that the United States does not ordinarily disclose its military potential even in weapons of quite orthodox types. No other country publicly catalogs the weapons in its arsenals. In a shooting war it would be a short-lived commander who announced how many rounds he had in his lockers. The truth is that the largest—and all possible—areas of atomic energy are completely open and public. These areas of public knowledge are being expanded constantly by Atomic Energy Commission releases, and secrecy is maintained today solely in defined areas vital to the national defense."

The writer went on to say that it is untrue that large numbers of scientists have deserted the atomic energy program and will not work for national defense.

### Business Men Also Left

"It is true," he continued, "that after the war a number of outstanding men who had worked at Los Alamos and other installations went back to their classrooms and laboratories. A contemporary exodus of business leaders from government agencies likewise occurred. Both groups simply went back to their accustomed duties. But still larger numbers than those who left—and mainly younger men—remained at Los Alamos, Oak Ridge and other installations."

"It is not unlikely that the new developments which will keep us ahead of our competition will come from younger men. However, the senior scientists still visit the atomic installations and contribute invaluable inspiration and assistance. It is unfair to the individuals concerned and, moreover untrue to believe that the best scientific talent has left this field of work for the government."

### Theory Costs U. S. Fleet

Concerning the problem of whether the country can have atomic disarmament by gentlemen's agreement, the writer was brief and to the point in his comment:

"Man for years has had the capacity to exterminate himself—and by easier methods. A starry-eyed extension of this notion goes so far as to presume that if we ultimately renounce atomic weapons, then the enemies of democ-



"HURRY UP AND SNAP that picture of 13 pounds of drum," pleads M. Huddleston, of the Y-12 Chemical Department, "I'm getting tired of holding them." The fearless feminine fisher lady dragged them in while on vacation recently in the Smoky Mountains and around Concord Park on Fort Loudoun Lake and Douglas Lake. Proud of her catch, she challenges some of the male Nimrods around the plant to equal her feat and prove it photographically.

## Community Chorus Summer Concert Slated Tomorrow

The Oak Ridge Community Chorus will present its annual summer concert at 8:15 o'clock Thursday night, August 10, in the East Lounge of the Ridge Recreation Hall. Several Y-12 employees are members of the group and will appear in the concert. Jeanne Rogers, of the Analytical Chemical Division, is secretary of the organization.

John H. Krueger, instructor of theory and composition at the University of Tennessee, is director of the Oak Ridge chorus and will wield the baton at the summer concert. The accompanist will be Marjorie Schenk.

The program will include old and modern music from the 14th Century to the present. Among the offerings will be three compositions by Director Krueger.

Tickets for the concert are on sale at the Music Box and the Town and Country Shop. Members of the chorus also have tickets for sale.

## Red Blast Claims Stated Impossible

Writing in the Journal of the British Atomic Scientists Association, British scientist J. M. Hasted states that atomic blasting such as the Russians claim to have done on the Turkestan irrigation canal is a practical impossibility, it is reported by the Associated Press. He added that atomic blasts may some day clear away the ice of Antarctica, provide means of diverting lava flow from active volcanoes in inhabited areas and also may be used to control earthquakes.

racy should somehow be compelled by moral suasion not to manufacture atomic weapons for use against us. This is the same worn theory of disarmament-by-example which cost us a good-sized fleet 28 years ago and lengthened the last war."

## New Road To Shorten Journeys For Y-12ers

Y-12ers driving to and from work and using the Gallaher Entrance to Oak Ridge will be saved two miles of motoring when the 3.5 mile stretch of Bear Creek Road from Gallaher Entrance to its intersection with the White Wing Road is paved, it has been announced by the Atomic Energy Commission. Preliminary work on this project already is underway, according to AEC.

The road project will be handled by the Roane-Anderson Co., and involves base preparation to be followed by application of bituminous material surface. It is expected that the work will be completed by August 15.

Bear Creek Road now is paved from Y-12 to the intersection of White Wing Road. The highway provides the most direct route of travel to employees of Y-12 and the Oak Ridge National Laboratory who regularly use the Gallaher Entrance. Heretofore most motorists going to and from Y-12 and ORNL have circled around the Oak Ridge Turnpike past K-25 and thence to the White Wing Road and Bear Creek Road.

Some, however, have used the Bear Creek road despite its bad condition, but with the improvement of the highway, a closer and less congested route will be available.

## Y-12 Stable Isotopes Sent To Seven Labs.

There were seven shipments of stable isotopes from the Y-12 Isotope Research and Production Department made during the month of July, according to the monthly report of the group. Three of the shipments were made to Atomic Energy Commission installations and the other four were to laboratories of educational institutions.

The largest single consignment was 1,000.1 milligrams of samples of Lead 206 to the Brookhaven National Laboratory. This laboratory also obtained 357.4 mg. of Lead 208 and 300.4 mg. of Molybdenum 92. The other shipments to AEC units were 40.2 mg. of Zinc 70 to Iowa College and 21.3 mg. of Chromium 54 to the Knolls Atomic Power Laboratory.

The University of Tennessee asked for and was supplied with 249.2 mg. of Mercury 202. Rutgers University got 352.9 mg. of Mercury 199, 207. mg. of Mercury 202 and 249.2 mg. of Mercury 205. A consignment of 50 mg. of Lithium 6 went to the University of Pennsylvania and the University of Wisconsin received 400.4 mg. of Magnesium 24.

### CONCENTRATED CALIFORNIA

Robert E. G. Harris, writing in the Los Angeles Times, points out that Southern California is one of the principal spots in the nation where men and money have been brought together to work on the problems of both applied and pure science.

### PLANT BOWLING MEET SET AUGUST 24; PLAY OPENS IN FEW WEEKS

All departments and groups intending to enter the plant bowling leagues for the coming season's play are urged to form their teams now and be ready for play in about one more month. A general meeting of all plant team captains or representatives will be held at 3 p. m., Thursday, August 24, in the Recreation Office, North Portal.

All men and women bowlers in Y-12 interested in trying out for the varsity teams in the Oak Ridge leagues are urged to communicate with the Recreation Office, telephone 7-8252, between August 21 and August 26.